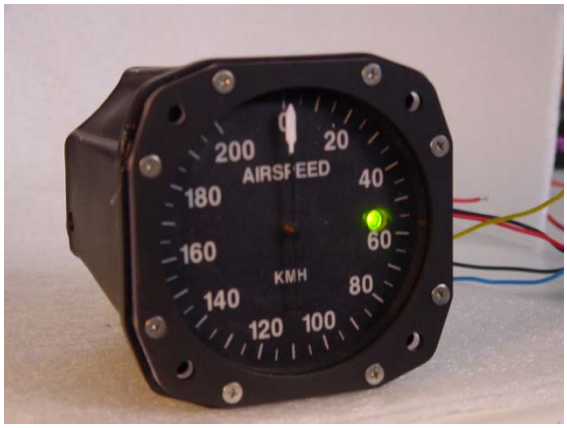
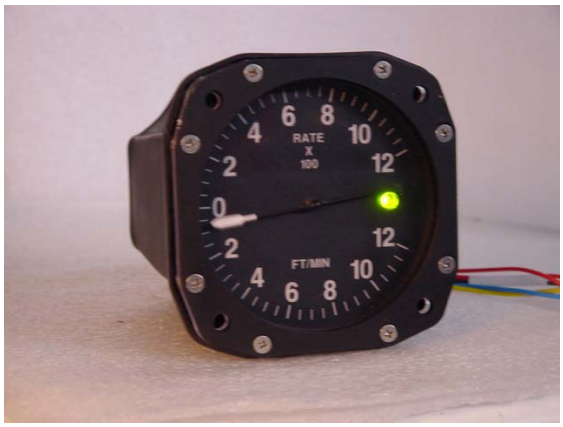
StarCompany
Aviation Technology

# USE AND INSTALLATION MANUAL

## ALTIMETER




## AIR SPEED INDICATOR




## VARIOMETER

Before you operate the system, read carefully this manual and complete the preparation procedures.

GENERAL DESCRIPTION

ALTIMETER:
Electronic analog altimeter equipped with barometric indicator in Millibar on the display.

Emergency power available.
Two models are available:

- 100 mt/rev. (resolution of 2 metres and 100 metres per pointer revolution and number of revolutions reached will be displayed);
- 1000 ft/turn (resolution of 10 feet and 1000 feet per pointer revolution and your instrument will display every time you reach 100 feet).

ANEMOMETER/AIR SPEED INDICATOR:

Electronic analog anemometer with linear scale.
Emergency power available.
Three models are available:

- 0/200 Km/h (resolution of 2,5 Km/h)
- 0/300 Km/h (resolution of 2,5 Km/h)
- 0/200 MPH (resolution of 2,5 MPH)

VARIOMETER
Electronic analog variometer with linear scale.
Emergency power available.
Two models are available:

- +/- 6 metres/second (resolution of 20 centimetres per second)
- +/- 1200 feet/minute (resolution of 20 feet per minute)

IMPORTANT! THIS INSTRUMENT IS PROVIDED WITH A GREEN GAUGE INDICATING THE RIGHT POWER SUPPLY (13,8 VOLT)

## SPECIFICATIONS

Container: thermoformed PVC
Front panel: nonreflective lexan and aluminium
Power supply: 13,8 Volt (9 – 15 VDC)
Absorption: 0,4 A
Operating temperature: - 10 / + 45 C°
Storage temperature: - 20 / + 60 C°

## INSTALLATION

**Connecting system using a 12 Volt emergency battery 1,2 A**
Warning: the emergency battery starts working when the aircraft battery voltage falls under 9 Volt and the instrument ignition switch is on.
White Sheath; Red; Black; Yellow; Blue; Red; Black; Instrument Ignition Switch; Master Switch; Aircraft Battery; 12 Volt/ 1,2 A Emergency Battery; Fuse 2A; Diode.

**Connecting system without using a 12 Volt / 1,2 A emergency battery.**

White Sheath; Red; Black; Yellow; Blue; Red; Black; Instrument Ignition Switch; Master Switch; Aircraft Battery; Fuse 2A.

**Parallel Connecting of more instruments using a 12 Volt / 1,2 A emergency battery**

White Sheath; Red; Black; Yellow; Blue; Red; Black; Instrument Ignition Switch; Master Switch; Aircraft Battery; 12 Volt/ 1,2 A Emergency Battery; Fuse 2Adiode.

WARNING!

Being electronic instruments, in case of black-out these instruments stop working. Power radio-transmitting systems can influence the good performance of these instruments.

WARRANTY TERMS

- Every set is warranted against material and/or manifacturing defect for one year from the date of purchase.
- No instrument will be accepted without a written communication concerning the defect noticed by the customer.
- All the instruments to repair, properly packaged, are to be sent to *BW* snc or to the dealer.
- No liability will be assumed by *BW* snc and/or by the dealer for instruments lost or damaged during the carriage, and/or in case of improperly packaging.
- The guarantee is subject to the following conditions:
  - The set must have been used in compliance with the directions for use;
  - Delivery terms for instruments returned to *BW* snc or to the dealer for repair: carriage paid by the customer;
  - No warranty will be assured in case of defects due to incidents, improper use, modifications and/or carelessness.

| Dealer |
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